

Cont
B1
B is a neutral amino acid, or P, A, G, S, T, V or L.

Preferably, the Z at position 3 is H or R.

Suitably, the Z at position 5 is K, N, E or D.

Page 13, replace paragraph 6 with the following:

B2
FIG. 5 shows the amino acid sequences for TxIn 1 (SEQ ID NO: 46) and TxIn 2 (SEQ ID NO: 47), as well as those of Taicotoxin associated plasmin inhibitor (TAC) (SEQ ID NO: 48) and aprotinin (APRO) (SEQ ID NO: 49). The sequences were aligned according to the location of the six cysteines.

Page 13, replace paragraph 7 with the following:

B3
FIG. 6 lists a partial cDNA sequence of *TxIn 1* (SEQ ID NOS 50-51). The amino acid sequence encoded by this partial sequence is shown below the nucleotide sequence in single letter code. The letter "N" denotes a non-characterized nucleotide.

Page 13, paragraph 8, through page 14, paragraph 1, please replace the text with the following:

B4
FIG. 7 lists a partial cDNA sequence of *TxIn 2* (SEQ ID NO: 52-53). The amino acid sequence encoded by this partial sequence is shown below the nucleotide sequence in single letter code. The letter "N" denotes a non-characterized nucleotide.

Page 14, please replace the second full paragraph with the following:

B5
FIG. 9 lists the *TxIn 1* cDNA sequence (SEQ ID NO: 54) derived from nucleotide sequence analysis of the 5' and 3' RACE products.

Page 14, please replace the third full paragraph with the following:

B6
FIG. 10 shows the nucleotide and deduced amino acid sequences (SEQ ID NOS. 55-66, respectively, in order of appearance) relating to respective proforms of TxIn 1-6.

Page 14, please replace the fourth full paragraph with the following:

37 FIG. 11 shows a sequence comparison (SEQ ID NOS. 55-65, respectively, in order of appearance) of Textilinin polypeptide sequences using the PILEUP program of the GCG Wisconsin Suite.

Page 22, before the first paragraph, please delete the header and insert therefor:

2.1 Textilinin Polypeptides

Page 22, before the third paragraph, please delete the header and insert therefor:

2.2 Textilinin Polypeptide fragments

Page 22, before the fourth paragraph, please delete the header and insert therefor:

2.3 Textilinin Polypeptide variants

Page 24, please replace the second paragraph with the following:

In a preferred embodiment, the variant has the general formula:

58 KDZPZ \ddot{Y} CZLBBZBGXCZXXXBXF \tilde{A} YXBZZZCBZFBYGGCXBNNNFXTXE
ECESTCAA (SEQ ID NO: 45) (I), wherein: -

- X is any amino acid;
- \ddot{Y} is a hydrophobic amino acid;
- \tilde{A} is an aromatic amino acid;
- Z is K, R, H, D, E, Q or N; and
- B is a neutral amino acid, or P, A, G, S, T, V or L.

Page 25, before the first paragraph, please delete the header and insert therefor:

2.4 Textilinin Polypeptide derivatives